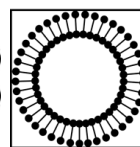
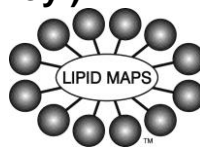


1-heptadecanoyl-2-(5Z,8Z,11Z,14Z-eicosatetraenoyl)-sn-glycero-3-phosphocholine

17:0-20:4 PC

LIPIDMAPS™ Compound ID: LMGP01010003

**Avanti**[®]
POLAR LIPIDS, INC.

Molecular Weight: 796.108

Exact Mass: 795.578

Molecular Formula: C₄₅H₈₂NO₈P

Storage: -20° C (Freezer)

Manufacture Date: January 05, 2021

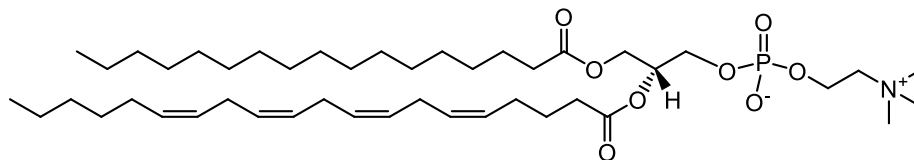
Expiration Date: One year from date of receipt

Physical Form: Methanol Solution (1ml per vial)

Concentration: 9.99 µg/ml (12.55 µM)

Lot Number: LM1002-LM40-118A

MLOT: 6406WAA118

**Certificate of Analysis**

Test	Limits	Result
Mass Spec	Consistent with Structure, [M+H] ⁺ = 796.7 ± 1amu	Pass
Quantitative LC/MS	Run and Report	9.99µg 12.55µM
HPLC/ELSD	NLT 99% Purity (AUC)	100% AUC
GC-FAME	NLT 99% Purity (AUC) (17:0+20:4)	99.5% AUC
Phosphorus NMR	Consistent with Structure	Pass
Proton NMR	Consistent with Structure	Pass
TLC Analysis (Mobile Phase 65:25:4 Chloroform:Methanol:Water)	R _f consistent with structure, NLT 99% Purity	Pass
Ninhydrin	Negative	Negative
Iodine	One Major Spot	One Spot
Phosphorus	Positive	Positive
Char	Positive	Positive
Wet Dip	One Major Spot	One Spot

Approved by:

Avanti Polar Lipids, Inc. 700 Industrial Park Drive, Alabaster, AL 35007-9105, USA

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